



# International Conference on Landslides Risk Reduction and Resilience

Thursday, 28<sup>th</sup> November 2019  
The Ashok Hotel, New Delhi, India



*Organised by*



**National Institute of Disaster Management**

Ministry of Home Affairs, Govt. of India  
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## BACKGROUND:

NIDM has been mandated by Sub-section 8 and 9, Section 42, Chapter 7 of Disaster Management Act 2005 to develop training modules and educational materials, undertake training, research, documentation and publication for capacity development and dissemination of knowledge / information related to disaster management, assist in formulation of policies, plans, strategies and frameworks for disaster risk reduction and resilience as well as promote awareness among different stakeholders for enhancing human capacity to avoid, prevent, mitigate, prepare, respond and recover efficiently in a proactive, holistic and integrated manner. The Institute has been organizing various training courses and conducting seminars / workshops / conferences covering wide spectrum of themes at the national and international levels besides publishing several training modules and other documents including case studies, templates and disaster reports. This Conference on Landslides Risk Reduction and Resilience 2019 offers a valuable opportunity to network with colleagues from many countries who share the same goals. Scientists, experts and functionaries in hazards and disaster risk management are invited to participate in this International Conference on Landslides Risk Reduction and Resilience 2019. The Conference will explore these issues from the view point of SFDRR, SDGs, climate change, urbanization, ecosystem and community based approach for enhancing the resilience. The role of science and technology as well as governance and administration role along with affected community will be focus of the conference.

## INTRODUCTION:

Landslide disasters have fetched global concern in recent years. The ubiquitous disasters cost enormous human fatalities and billions of economic losses around the world. Based on Global Fatal Landslide database 2004-2016, globally in 4,862 distinct landslide events 55,997 fatalities were recorded (earthquake triggered landslide events were not taken in account in this study). Continent-wise, Asia suffers the maximum damages / losses due to landslides and among the Asian countries, South Asian nations are the worst sufferers and even among South Asian countries India is one of the worse affected by landslides.

As landslides are frequent and widespread, the annual cumulative losses worldwide amount to tens of billions of USD in terms of lost property, environmental damage, repair works, and the maintenance of defence measures. As per Geological Survey of India, the window of economic loss due to landslides may reach between 1-2% of the gross national product in many developing countries.

India, the seventh-largest country in the world apropos of area, is persistently being knocked by landslides of varied magnitude throughout the history. The landslides vulnerable areas are spread over 21 States and 4 Union Territories including J&K, Ladakh, Himachal Pradesh, Uttarakhand, Arunachal Pradesh, Assam, Meghalaya, Mizoram, Manipur, Nagaland, Sikkim, Tripura, Kerala, Karnataka, Tamil Nadu, Andhra Pradesh, Goa, Maharashtra, Madhya Pradesh, Chhattisgarh, Andaman & Nicobar and Puducherry.

NIDM proposes a one day International Conference on Thursday, 28<sup>th</sup> November 2019 at The Ashok Hotel, New Delhi, for the Government and International agencies/ functionaries of the relevant Ministries / Departments / Institutions to share and exchange knowledge/ information on Landslide Risk Reduction and Resilience including some important national initiatives and international agreements/ frameworks on DRR including Disaster Management Act, National Disaster Management Plan, National Disaster Management Policy, Standard Operational Procedures on Disaster Management and various Guidelines on different types of disasters and related functions including natural strategy for landslide mitigation and thematic landslide mitigation Plan.

The International Conference will focus towards landslide risk reduction, understanding and reducing landslide disaster risk, wider and stronger framework for the landslide risk reduction network will be launched at International Conference by the delegates/resource persons. NIDM will also collaborate with education / training / research institutes under the respective Ministry / Department for organizing trainings, workshops and meetings as well as publication and documentation / development of IEC materials with focus on various activities related to disaster risk reduction and resilience.

The programme involves senior level resource persons, experts, professionals and functionaries who have very long and meaningful experiences with vast knowledge on the subject. During the programme, there will be presentations, and panel discussions on landslide risk reduction, sharing of ideas and expertise related to landslide disaster risk reduction and resilience with scope, advantages and limitations as well as issues, challenges and opportunities in managing landslide disaster events including the ethical perspectives. Government of India has established a well-structured disaster management system defining roles, responsibilities and procedures for different stakeholders as well as allocation of adequate funds through different mechanisms for undertaking activities on DRR&R. It has also laid down guidelines, procedures and protocols for Landslide Disaster Management functionaries.

Session themes for the conference cover a rich and diverse range of research topics. We hope this Conference take initiatives to forge better solutions to reduce future risks and threats of landslide hazards with multi-hazard perception.

### **OBJECTIVES:**

The aim of Conference is to explore and debate the most recent advances in a discipline. This will be directed towards understanding past and present processes and through different approaches involve in landslide risk reduction and resilience with the following objectives:

- To enhance the understanding of the issues and solutions on governance and administration for landslides risk reduction and resilience
- To discuss about current practices in the landslides risk assessment, mitigation and monitoring technologies for landslide risks and resilience with case examples
- To highlight the environmental and emerging issues in context with urbanization, development and climate change
- To share experiences related to community based landslides risk reduction and resilience
- To disseminate information related to national and local strategies for landslides risk reduction and resilience as well as to develop a network mode roadmap for addressing the gaps by engaging with the institutions, researchers and experts

### **SPECIAL FOCUS IS GIVEN TO:**

- Governance and administrative issues and support for LRR&R
- Tools, techniques and technologies for LRR&R
- Impact of climatic change, development, urbanization, and population growth for LRR&R

### **TARGET GROUP:**

The target groups for this conference are delegate including expert and relevant functionaries from the government and international agencies, academics and research institutes.

### **CALL FOR PARTICIPATION:**

Participants are invited from relevant disciplines and sectors working on disaster management, administration, response, training, research, academic, professional related to LRR&R etc. Interested participants may enrol for register latest by 10<sup>th</sup> November, 2019. No Registration fee is required for participation. However, participation will be limited by invitation and confirmation from the organizers.

### **CALL FOR PAPERS:**

The International Conference on Landslides Risk Reduction and Resilience invites academicians, social workers, policy makers and other stakeholders to send original research abstracts / full paper, case studies formatted according to the given format to [surya.nidm@nic.in](mailto:surya.nidm@nic.in) before 7<sup>th</sup> November, 2019. Accepted papers will be published with ISBN/ISSN No.

### **DATE AND VENUE:**

The programme will be organized on Thursday, 28<sup>th</sup> November 2019 at Banquet Hall, 3<sup>rd</sup> Floor, The Ashok Hotel, New Delhi, India

## **ORGANIZING TEAM:**

Maj. Gen. Manoj Kumar Bindal, VSM  
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## **CONFERENCE COORDINATOR:**

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- International Association for Promoting Geoethics
- Geological Survey of India
- Central Road Research Institute
- Department of Science & Technology
- Central Building Research Institute
- Sikkim State Disaster Management Authority
- Wadia Institute of Himalayan Geology
- Defence Terrain Research Laboratory
- Directorate General Border Roads
- Building Materials Technology Promotion Council
- Indian Institute of Technology, Roorkee
- Forest Research Institute University
- HP State Disaster Management Authority
- Uttarakhand State Disaster Management Authority
- National Institute of Hydrology, Roorkee